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APPLICATION NO.  
09/910,269

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
VAN BERKEL

FILING DATE  
7/19/01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	4,861,988	8/29/89	Henion et al.			
DA	5,869,832	2/9/99	Wang et al.			
DA	5,879,949	3/9/99	Cole et al.			
DA	5,975,426	11/2/99	Myers			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DA		P. Kekarle, "A brief overview of the present status of the mechanisms involved in electrospray mass spectrometry" J. Mass Spectrom. 35, (2000) pgs. 804-817
DA		Van Berkel, "Insights into Analyte Electrolysis in an Electrospray Emitter from Chronopotentiometry Experiments and Mass Transport Calculations", J. Am. Soc. Mass Spectrom., 2000, 11, pgs. 951-960
DA		Van Berkel, "Electrolytic corrosion of a stainless-steel electrospray emitter monitored using an electrospray-photodiode array system", J. Anal. At. Spectrom., July 1995, Vol. 13, pgs. 603-607
DA		Van Berkel, et al., "Derivatization for Electrospray Ionization Mass Spectrometry. 3. Electrochemically Ionizable Derivatives" Anal. Chem., Vol. 70, pgs. 1544-1554
DA		Van Berkel, et al., "Changes in bulk solution pH caused by the inherent controlled-current electrolytic process of an electrospray ion source" Int. J. Mass Spectrom. Ion Processes, 162 (1997) pgs. 55-67
DA		Van Berkel, "The Electrolytic Nature of Electrospray", Electrospray Ionization Mass Spectrometry, Edited by Richard B. Cole, ISBN 0-471-14564-5 (1997) pgs. 65-105
DA		Van Berkel, et al., "Observation of Gas-Phase Molecular Dications Formed from Neutral Organics in Solution via the Controlled-Current Electrolytic Process Inherent to Electrospray", J. Am. Soc. Mass Spectrom., 7 (1996) pgs. 157-162
DAV		Van Berkel, et al. "Electrospray as a Controlled-Current Electrolytic Cell: Electrochemical Ionization of Neutral Analytes for Detection by Electrospray Mass Spectrometry", Anal. Chem., 67, No. 21, November 1, 1995, pgs. 3958-3964
DA		Zhou, et al., "Electrochemistry Combined On-Line with Electrospray Mass Spectrometry", Anal. Chem., Vol. 67, No. 20, October 15, 1995, pgs. 3643-3649
DA		Van Berkel, et al., "Characterization of an Electrospray Ion Source as a Controlled-Current Electrolytic Cell", Anal. Chem., Vol. 67, No. 17, Sept. 1, 1995, pgs. 2916-2923
DA		Van Berkel, et al., "Electrochemical Origin of Radical Cations Observed in Electrospray Ionization Mass Spectra", Anal. Chem., Vol. 64, No. 14, July 15, 1992, pgs. 1586-1593
DA		Kertesz, et al., "Minimizing analyte electrolysis in an electrospray emitter" J. Mass Spectrom., 36 (2001), pgs. 204-210
DA		Van Berkel, et al., "Electrochemical Processes in a Wire-in-a-Capillary Bulk-Loaded, Nano-Electrospray Emitter", J. Am Soc. Mass Spectrom. 12, (2001), pgs. 853-862
DAV		Richard B. Cole "Some tenets pertaining to electrospray ionization mass spectrometry" J. Mass Spectrom., 35 (2000) pgs. 763-772
DA		de la Mora, et al., "Electrochemical processes in electrospray ionization mass spectrometry" J. Mass Spectrom. 35 (2000), pgs. 939-952
DA		Van Berkel, "Electrolytic deposition of metals on to the high-voltage contact in an electrospray emitter: implications for gas-phase ion formation", J. Mass Spectrom. 35, (2000), pgs. 773-783
DA		Van Berkel, et al. "Computational Simulation of Redox Reactions within a Metal Electrospray Emitter", Anal. Chem., Vol. 71, No. 23, Dec. 1, 1999, pgs. 5288-5296

EXAMINER

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